KEMET Part Number: C1812C334KARAC



SMD Comm X7R Tip-Ring, Ceramic, 0.33 uF, 10%, 250 VDC, X7R, SMD, MLCC, Temperature Stable, Tin Termination, 1812



Dimensions		
Chip Size	1812	
L	4.5mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Т	1.55mm +/-0.10mm	
В	0.6mm +/-0.35mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

General Information	
Series:	SMD Comm X7R Tip-Ring
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Tin Termination
Features:	Tin Termination
RoHS:	Yes
Termination:	Tin
Marking:	No
AEC-Q200:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours.
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	0.33 uF	
Measurement Condition:	330000 pF, 1 kHz 1.0Vrms	
Capacitance Tolerance:	10%	
Voltage DC:	250 VDC	
Dielectric Withstanding Voltage:	625 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms	
Dissipation Factor:	2.5% 1 kHz 1.0Vrms	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	3.03 GOhms	

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